



Objective Force Warrior (OFW)

Overview:

Objective Force Warrior (OFW) is an Army Science and Technology Program that will provide the basis for a major system level block upgrade to the Land Warrior System.

Description:

Modernizing the Warrior through Army

Transformation: OFW is the Army's flagship Science and Technology initiative to develop and demonstrate revolutionary capabilities for Objective Force soldier systems. An integrated system of systems approach is being employed to support the Army transformation to a soldier-centric force. The Objective Force Warrior is a major pillar of the Objective Force strategy, complementing the Future Combat Systems (FCS) program.

OFW notional concepts seek to create a lightweight, overwhelmingly lethal, fully integrated individual combat system, including weapon, head-to-toe individual protection, netted communications, soldier worn power sources, and enhanced human performance. The program is aimed at providing unsurpassed individual & squad lethality, survivability, communications, and responsiveness — a formidable warrior in an invincible team. OFW will also be developed to be fully integrated with FCS.

Lethality Vision: OFW family of lightweight weapons with advanced fire control, optimized for urban combat, and synchronized direct and indirect fires from Future Combat System.

Survivability Vision: Ultra-Lightweight, Low Bulk, Multi-Functional, Full Spectrum Protective Combat Ensemble.

Sensors & Communications (C4ISR) Vision: Netted OFW small unit/teams with robust team communications, state-of-the-art distributed and fused sensors, organic tactical intelligence collection assets, enhanced situational understanding, embedded training, on-the-move planning, and linkage to other force assets.

Power Vision: 72-hour continuous autonomous team operations, high density, low weight/volume, self-generating/re-generating, reliable, safe power source/system.

Mobility, Sustainability and Human Performance Vision: Unconstrained vertical and lateral movement at full up combat/assault capability during mission execution. Optimized cognitive and physical fightability, on-board physiological/medical sensor suite with enhanced prompt casualty care.

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“The Objective Force Warrior will be a Formidable Warrior in an Invincible Team, Able to See First, Understand First, Act First, and Finish Decisively.”



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